

Public Hearing: November 19, 2001

F A C T S H E E T

TITLE: Resolution approving a contract that provides for the use of Northeast Wastewater Treatment Plant as the cooling source for the Lincoln Electric System, Salt Valley Generation Station.

SPONSOR: Public Works/Utilities;
Lincoln Electric System

OPPONENTS: Unknown

STAFF RECOMMENDATION: For

OTHER DEPARTMENTS AFFECTED:

APPLICANT: Public Works/Utilities;
Lincoln Electric System

REASON FOR LEGISLATION: To formalize the working arrangement between LES and the Lincoln Wastewater System.

D I S C U S S I O N

This agreement provides for the Salt Valley Generation Station use of nearly 2 million gallons per day (mgd) of treated effluent as produced by the Northeast Wastewater Treatment Plant (NETP). Future expansions to the Generation Station requires additional cooling water that is intended to be also provided by the NETP. With this first phase of the project an estimated 40% of the cooling water, 0.8 MGD, received at the power plant will be returned for treatment at the NETP. Utilization of this processed effluent for power plant cooling water eliminates the need for drinking water, quality water, or local ground water.

POLICY OR PROGRAM CHANGE: No

COST OF TOTAL PROJECT: The total costs for the pipeline and related facilities will be those of the Lincoln Electric System.

SOURCE OF FUNDS: LES

CITY:

NON CITY:

BENEFIT COST:

FACT SHEET PREPARED BY:

Public Utilities Administrator

REVIEWED BY:

Director of Public Works/Utilities